



**SUMMARY TEST DATA  
ON  
PXS-6G18G-60-T-SFF-SP**

Customer: \_\_\_\_\_  
 SO No: \_\_\_\_\_  
 Model No: PXS-6G18G-60-T-SFF-SP  
 Serial No: PL32555/2121

Tested By: Bryan K.  
 Temperature: +25°C  
 Date: 5/27/2021  
 Drawing No: 27639640 Rev: A1

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC	
1	Frequency Range	6.0 TO 18.0 GHz	6.0 TO 18.0 GHz	PMI QA 2	
2	Impedance	50 Ohms	50 Ohms		
3	Insetion Loss	3.5 dB Max	3.12 dB See Plot		
4	Insetion Loss Ripple	±0.75 dB Max	Pass		
5	VSWR	2.0:1 Max	1.92:1 See Plots		
6	Isolation	60 dB Min	75.57 dB See Plot		
7	Switching Speed	70 ns Max (50% TTL to 10% / 90% RF)	See Typical Characteristics		
8	Rise/ Fall Time	70 ns Max (10% / 90% RF)	See Typical Characteristics		
9	Switching Rate PRF	1 MHz	See Typical Characteristics		
10	Video Leakage	50 mV P-P at 350 MHz BW	See Typical Characteristics		
11	Input Power	+27 dBm (0.5 WATT) Max	See Typical Characteristics		
12	DC Supply	+5 VDC (±5%) / 120 mA Max (VDC + CTL Lines) -12 VDC (±5%) / 120 mA Max	+5 VDC @ 60 mA -12 VDC @ 80 mA		
13	Control Signal	TTL LOGIC "0" J1-J2, J3-J4 = Insertion Loss J1-J4, J2-J3 = Isolation TTL LOGIC "1" J1-J4, J2-J3 = Insertion Loss J1-J2, J3-J4 = Isolation	Pass		PMI QA 2

QA/QC Approval: \_\_\_\_\_

PMI  
QA 2

Date: \_\_\_\_\_

5/28/21



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